

Titanium Gr 12 Flanges Exporters In India

Natural Steels is an acclaimed distributor, supplier, and exporter of high-end flanges. We stock each and every grade of industrial flanges including [Titanium GR 12 Flanges](#). These flanges are available in various shapes, sizes, specifications, designations and custom dimensions. We are dealing with national and international customers and provide products in minimal time. This is possible with our fast logistic services.

Titanium GR 12 Flanges are often used in adverse corrosive environments that bump into chemical degradation. These flanges possess great mechanical properties and physical properties with a combination of corrosion resistance in mild environments. These flanges are an excellent choice for particularly in reducing environments like chlorine, sodium chlorides and other solutions. These are resistive to many chemical reducing environments such as hydrotropic acids, chromic acid, phosphoric acid, formic acids, and other harsh acids.

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Titanium GR 12 Flanges are readily weldable with all conventional welding process. Generally, heat treatment is not considered to retain strength, however cold working process used to avoid embrittlement. these Flanges can be furnished with traditional machines with low cutting speeds, cut depth and feeds. It is essentially immune to pitting, crevice and stress corrosion cracking. Titanium GR 12 Flanges offers outstanding services in hoists temperatures too without any elongation.

These Titanium GR 12 Flanges have great impact strength and high fracture toughness. It has a low modulus of elasticity and a low coefficient of thermal expansions. It has a high melting point makes it nonmagnetic in the state. It is high inherent to shock resistance and high ballistic resistance to density ratio. Furthermore, titanium grade is non-allergenic, nontoxic and biocompatible alloy ideal for food processing plants and medical applications.

Our objective is to provide only superior products to customers without compromising in quality. We perform different tests on finished products lot that assures quality. The tests are destructive/nondestructive tests, hardness test, tensile test, PMI test, micro, and macro test. Other tests are the chemical test, intergranular corrosion test, ultrasonic test, radiographic test, pitting corrosion test and visual inspection.

We offer Titanium GR 12 Flanges to customers in standard packing of wooden boxes, crates, cases, and pallets to avoid damages.

Specification of Titanium Gr 9 Flanges

Specification

ASTM A/ASME SB381

Dimensions

ANSI/ASME B16.5, B16.47 Series A & B, B16.48, BS4504, BS 10, etc

Size

1 / 2" to 18"

Flange Face Type

Flate Face (FF), Raised Face (RF), Ring Type Joint (RTJ)

Standard

ANSI Flanges, ASME Flanges, BS Flanges, DIN Flanges, EN Flanges, etc.

Class / Pressure

150#, 300#, 600#, 900#, 1500#, 2500#, PN6, PN10, PN16, PN25, PN40, PN64 etc.